Index of Claims

| Application No.      | Applicant(s)  |   |
|----------------------|---------------|---|
| 09/409,457           | FLAUTT ET AL. |   |
| Examiner             | Art Unit      | : |
| Dr. Kelechi C. Egwim | 1713          |   |

|   | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |  |
|---|--------------|--|
| ı | Interference |  |

| A | Appeal   |
|---|----------|
| o | Objected |

| CI                     | aim         | Date     |          |  |          |          |          |          |          | Cla      | im              | Date  |          |                 |              |          |          |          |          |               | ::[     | CI    | aim | Date  |            |                |          |  |  |                     |          |                |          |
|------------------------|-------------|----------|----------|--|----------|----------|----------|----------|----------|----------|-----------------|-------|----------|-----------------|--------------|----------|----------|----------|----------|---------------|---------|-------|-----|-------|------------|----------------|----------|--|--|---------------------|----------|----------------|----------|
|                        | <u>ال</u> ا |          | 9        |  | $\Box$   |          |          |          |          |          |                 |       | =        |                 | <u>.</u> ـ ا |          |          |          |          |               | Т       | 7     | Ī   |       |            |                |          |  | П  |                     | П        | T              |          |
| Final                  | Original    | 5/3/04   | 1/10/05  | 8/2/05                                       |          |          |          |          | Ì        |          |                 | Final | Original | 5/3/04          | 1/10/05      | 8/2/05   |          |          |          |               |         |       |     | Final | Original   |                |          |  |  |                     | i        |                |          |
| i L                    | rig         | 5/3      | 1/10     | 8/2  | İ        | - 1      |          |          |          |          |                 | ίĒ    | jrig     | 5/3             | 1            | 8/2      |          |          |          |               |         |       |     | 這     | rig        |                |          |  |  |                     |          |                |          |
|                        | 0           |          | _        |  |          | -        |          |          |          |          |                 |       | O        |                 | -            |          |          |          |          | 1             |         |       |     |       | O          |                |          |  |  |                     |          |                |          |
|                        | 7           |          |          |  |          |          |          |          |          |          |                 |       | Z        | 1               |              |          |          | $\neg$   | T        | $\neg \vdash$ | T       | ٦     |     |       | 101        |                | 1        | 1  |  |                     | ı        |                | _        |
|                        | þ           |          |          |  |          |          |          |          |          |          |                 |       | 52       | V               | 1            | 4        |          |          |          | Т             |         | 7:::  | 1   |       | 102        |                | T        | Τ  | П  |                     | $\neg$   |                | _        |
|                        | В           |          |          |  |          |          |          |          |          |          |                 |       | 53       | √               | 1            | √        |          |          | $\neg$   |               |         | 7     |     |       | 103        |                | Т        | Τ  |  |                     | $\Box$   | $\neg$         | _        |
|                        | 4           |          |          |  |          |          |          |          |          |          |                 |       | 54       | 1               | 1            | 1        |          |          |          |               |         | 7::   | 1   |       | 104        |                | Т        |  | 1  | П                   | $\neg$   |                | _        |
|                        | 5           |          |          |  |          |          |          |          |          |          |                 |       | 55       | 1               | 4            | 4        |          |          |          | П             | Т       | 7     | 1   |       | 105        |                |          |  | Г  |                     | $\Box$   |                | _        |
|                        | 6           |          |          |  |          |          |          |          |          |          |                 |       | 56       | 1               | 4            | 1        |          |          |          |               | Т       | 7     | =   |       | 106        |                | 1.       | T  |  |                     |          | T              | _        |
|                        | 1           |          |          |  |          |          |          |          |          |          |                 |       | 57       | 1               | 7            | 7        |          |          |          |               |         | ]::   | :[  |       | 107        |                |          |  |  |                     |          | $\Box$         | _        |
|                        | _8          |          |          |  |          |          |          |          |          |          |                 |       | 58       | √               | √            | 4        |          |          |          |               |         |       | :[  |       | 108        |                |          |  |  |                     |          |                |          |
| <u></u>                | 9           | 1        |          |  | $\perp$  | _        |          |          | $\perp$  |          |                 |       | 59       | 1               | 1            | 1        |          |          | $\perp$  |               |         |       | ::[ |       | 109        |                |          |  |  |                     |          |                |          |
|                        | 10          |          |          |  | _        | $\dashv$ |          |          |          |          |                 |       | 60       | 1               | √            | √        |          |          |          |               |         | ]     |     |       | 110        |                |          |  |  |                     | $\Box$   |                |          |
| L                      | 1/1         |          |          |  | $\perp$  | $\perp$  | _        |          |          |          |                 |       | 61       | <b>√</b>        | 1            | 1        |          |          |          |               |         | ]     |     |       | 111        |                |          |  |  |                     | $\Box$   | $\perp$        |          |
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| <u></u>                | 13          |          |          |  | $\bot$   | _        |          |          |          |          |                 |       | 63       | 1               | 1            | 1        |          |          | $\perp$  | $\perp$       | 1       |       |     |       | 113        |                | L        |  | ·  | Ш                   |          |                |          |
| <u></u>                | 14          |          |          |  | _        | _        |          | _        | _        | _        |                 |       | 64       | 1               | √            | 1        | _        |          | $\perp$  | $\perp$       | 1       | 4     | L   |       | 114        |                | $\perp$  |  |  | $\square$           |          |                |          |
| L                      | 15          |          |          | $\Box$                                       | _ _      | _        |          |          |          |          |                 |       | 65       | 1               | √            | 1        |          | $\Box$   | $\perp$  |               | $\perp$ | 4     |     |       | 115        |                |          |  |  |                     |          | $\perp \Gamma$ |          |
|                        | 16          |          |          | $\Box$                                       |          | 4        | _        | _        | _        |          |                 |       | 66       | √               | 1            | 1        |          | $\perp$  | $\perp$  |               |         | _     |     |       | 116        |                |          | _  |  |                     |          |                |          |
| <u> </u>               | 17          |          |          | _  |          | _        | _        |          | 4        |          |                 |       | 67       | ۷.              | √            | 1        | _        | _        | _        |               |         | _     |     |       | 117        |                |          | <u> </u>                                     |  | Ш                   | $\Box$   |                |          |
| <u></u>                | 18          | ,        | _        | _  |          | _        |          | _        | 4        |          |                 |       | 68       | 1               | √.           | 1        | _        | _        | 4        |               | 1.      | 4     |     |       | 118        |                | <u> </u> | <u> </u>                                     | L  | Ш                   | $ \bot $ | $\perp$        |          |
| <b></b>                | 19          | <b>√</b> |          | _  |          | _        | _        |          | 4        |          |                 |       | 69       | ✓               | √            | 1        | $\dashv$ | _        | _        |               |         | 4     | L   |       | 119        |                |          | 上  |  | Ш                   | $\Box$   |                |          |
| <u> </u>               | 20          | 1        |          | _  |          | 4        | _        |          | 4        |          |                 |       | 70       | <u> </u>        |              |          |          | _        | _        | _             |         | ╝     |     |       | 120        |                | $\perp$  | $\perp$                                      |  | Ш                   |          |                |          |
| <u> </u>               | 21          | 1        |          | _  | _        | _        | _        | _        | _        |          |                 |       | 71       | L.              |              |          | _        | _        | _        |               |         | _     |     |       | 121        |                | $\perp$  |  |  |                     |          |                |          |
| <u> </u>               | 22          | 1        | _        | 4  | _        | _        | _        | _        | _        |          |                 |       | 72       |                 |              |          | _        |          |          |               | $\bot$  | _     |     |       | 122        |                |          |  |  |                     |          | $\perp$        |          |
| ·                      | 23          | √        |          | _  |          | 4        |          | _        | _        |          |                 |       | 73       | Ц.              |              |          |          | _        | $\perp$  |               | ┸       | _     |     |       | 123        |                | ┸        | <u> </u>                                     |  |                     |          |                |          |
|                        | 2           | 1        |          |  |          |          | _        | _        | _        | _        |                 |       | 74       |                 |              |          |          |          |          |               | $\perp$ | 4     |     |       | 124        | $\perp$        | 1_       | <u> </u>                                     | $oxed{oxed}$                                     | Щ                   | ļ        | $\perp$        |          |
|                        | 25          | 1        |          |  |          |          |          | _        | 4        | _        |                 |       | 75       | _               |              | $\sqcup$ | _        | _        | 4        | 4             | 4_      | 4     | L   |       | 125        |                | _        | ┖  |  |                     | _        |                | _        |
|                        | 26          | 1        |          | $\dashv$                                     |          | _        | _        | -        | 4        |          |                 |       | 76       | <u></u>         |              | $\Box$   | _        | _        | _ _      | $\perp$       | 4       | 4     | L   |       | 126        |                | _        | ┖  | <u> </u>   |                     | _        | $\bot$         | ╝        |
|                        | <b>4</b> 7  | 1        |          | -  | _        | 4        | -        | $\dashv$ | _        |          |                 |       | 77       |                 |              | _        | _        | _        | _        | $\perp$       | _       | 4     | Ļ   |       | 127        |                | $\bot$   | ┞-   |  |                     | _        |                |          |
| <u> </u>               | <b>2</b> 8  | 1        | _        |  | _        | -        |          |          |          | _        |                 |       | 78       |                 |              | _        | _        | $\dashv$ | 4        | _             |         | 4:::  | ļ   |       | 128        |                |          | 上  | <u> </u>   | Щ                   | _        |                | _        |
|                        | <b>2</b> 9  | 1        | _        |  | _        |          | -        |          | _        | _        |                 |       | 79       |                 | _            | _        | _        | _        | 4        | 4             |         | 4     | Ļ   |       | 129        |                |          | <u> </u>                                     | <u> </u>   |                     | _        |                |          |
| -                      | 30          | 1        | _        | $\dashv$                                     | 4        | 4        | _        |          | 4        | _        |                 |       | 80       |                 |              |          | _        | _        | 4        | _             | 4.      | 4     | Ļ   |       | 130        |                | ↓        | $\perp$                                      | L  | Ш                   | _        |                |          |
|                        | 3           | <b>√</b> |          | _  | _        | -        | -        |          | $\dashv$ | _        |                 |       | 81       |                 |              | $\dashv$ | _        | -        | 4        | _             | +-      | 4     | Ļ   |       | 131        |                | _        | <u> </u>                                     | <u> </u>   |                     |          | <del></del> -  |          |
|                        | 32          | <b>√</b> |          |  |          | +        | -        | $\dashv$ | -        | -        | <b>.</b>        |       | 82       | _               | _            | _        |          |          | 4        | +             | +       | 4:::  | ii  |       | 132        |                | ┺        | <u> </u>                                     | <u> </u>   | Ш                   |          | _              |          |
| -                      | 33<br>34    | √<br>√   | $\dashv$ | $\rightarrow$                                | +        | $\dashv$ |          | -        | +        | 4        |                 |       | 83       | Ь—              |              |          |          | _        | -        | +             | +-      | 4     | Ļ   |       | 133        |                | 1        | 1  | <u> </u>   | $\sqcup$            | _        | $\dashv$       | _        |
| -                      | 35          | 7        | $\dashv$ | $\dashv$                                     | +        | -        | $\dashv$ | -+       | $\dashv$ |          | ::::            |       | 84       |                 |              | $\dashv$ | -        | 1        | +        |               | +       | -     | ŀ   |       | 134        | $\dashv$       | ╀        | ऻ_   | <u> </u>   | $\sqcup$            |          |                | 4        |
| -                      | 36          | _        |          | $\dashv$                                     | +        | $\dashv$ | $\dashv$ | -        | +        | 4        |                 |       | 85       | $\vdash$        |              | -        |          | $\dashv$ | -        | +             |         | -     | ŀ   |       | 135        |                | 1        | ऻ  | <u> </u>   | $\sqcup$            | $\dashv$ |                | 4        |
|                        | 37          | <b>√</b> | $\dashv$ | $\dashv$                                     | +        | $\dashv$ | $\dashv$ | -+       | $\dashv$ |          | :::: <br>       |       | 86       | $\vdash \vdash$ | _            |          |          |          | $\dashv$ | - -           | +       | 4     | -   |       | 136        |                | +        | ऻ  | -  | $\sqcup$            | _        | $\dashv$       | 4        |
| $\vdash$               |             | 7        | $\dashv$ | $\dashv$                                     | +        | $\dashv$ |          |          | $\dashv$ | $\dashv$ | :::: <b> </b>   |       | 87       | $\vdash$        | -            | $\dashv$ | -        | -        | +        | +             | +       | -     | -   |       | 137        |                | $\vdash$ | ├  | <b>-</b>   | $\sqcup$            | _        | +              | 4        |
| $\vdash$               | 38<br>39    | 7        |          | $\dashv$                                     | +        | $\dashv$ |          | $\dashv$ | $\dashv$ | ᅱ        | :::: -          |       | 88       | Н               |              | $\dashv$ | -        | -        |          | +             | +       | 4     | ŀ   |       | 138        |                | $\vdash$ | <b>├</b> ─                                   | <u> </u>   | $\vdash$            | _        | +              | 4        |
| -                      | 4b          | 1        |          | $\dashv$                                     | +        | +        |          | $\dashv$ | +        | -        | ::::\           |       | 89<br>90 | $\vdash$        |              | -        | -        | -+       | +        | +             | +       | -     | -   |       | 139        |                | $\vdash$ | <del>  -</del>                               | $\vdash$   | $\vdash \downarrow$ | $\dashv$ | +              | 4        |
| $\vdash$               |             | ₹        | -+       | -  | +        | +        | $\dashv$ |          | +        | $\dashv$ |                 |       | 91       | $\vdash$        |              | -        | -        | -+       | +        | +             | +-      | -     | ŀ   |       | 140        | $- \!\!\!\! +$ | $\vdash$ | ├-   | ⊢  | $\sqcup$            | $\dashv$ | +              | 4        |
| <del>  </del>          | 46          | V        |          | $\dashv$                                     | +        | +        | -+       | $\dashv$ | -        | $\dashv$ | :::: <b>:</b> } | -     | 92       | $\vdash$        | $\dashv$     |          | -        | $\dashv$ | +        | +             |         | -     | ŀ   |       | 141        |                | $\vdash$ | -  | <u> </u>   | $\vdash$            | $\dashv$ |                | 4        |
| $\vdash$               | 42<br>48    | ∜        | $\dashv$ | $\dashv$                                     | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ⊪⊦              |       | 93       | -               |              | $\dashv$ | $\dashv$ |          | +        | +             | +       | -     | ŀ   |       | 142        |                | ┼        | $\vdash$                                     | -  | $\vdash$            | +        | +              | 4        |
| $\vdash$               | 44          | ᅴ        |          | $\dashv$                                     | +        | $\dashv$ |          | $\dashv$ | +        | $\dashv$ | iii l           |       | 94       | $\vdash$        |              | $\dashv$ | -        | $\dashv$ | +        | +-            | +       | -     | ŀ   |       | 143<br>144 |                | +        | -  | $\vdash$   | $\vdash \vdash$     | -        |                | 4        |
| $\vdash$               | 45          | $\dashv$ | $\dashv$ | -  | +        | +        | $\dashv$ | $\dashv$ | +        | ᅱ        | <b> </b>        |       | 95       | $\vdash$        |              |          | +        | +        | +        | +             | +-      | -     | -   |       | 144        | -              | $\vdash$ | $\vdash$                                     | <del>                                     </del> | $\vdash$            | $\dashv$ | +              | 4        |
| $\vdash \vdash \vdash$ |             |          | -        | $\dashv$                                     | +        | +        | +        | $\dashv$ | +        | $\dashv$ | -               |       | 96       | $\vdash$        | -            | +        | -        | $\dashv$ | +        | +             | +       | -     | ŀ   |       | 145        |                | ╁        | ⊢  | -  | $\vdash$            | $\dashv$ | +              | 4        |
| $\vdash \vdash$        | 46<br>47    | 1        |          | $\dashv$                                     | +        | +        | $\dashv$ | +        | $\dashv$ | $\dashv$ | :::: <b>:</b> } |       | 97       |                 |              | $\dashv$ | $\dashv$ | $\dashv$ | +        | +             | +-      | 1     | -   |       | 147        | $-\vdash$      | ╁        | -  | $\vdash$   | $\vdash$            | $\dashv$ | $-\!\!\!\!+$   | $\dashv$ |
|                        | 48          | 1        |          | $\dashv$                                     | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ŀ               |       | 98       | -               | ᅱ            | +        | -        | $\dashv$ | +        | +             | +       | 1     | ŀ   |       | 148        | $\dashv$       | ╁        | $\vdash$                                     | $\vdash$   | $\dashv$            | $\dashv$ | +              | $\dashv$ |
|                        | 46          | i        | $\dashv$ | $\dashv$                                     | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\dashv$ | ᅱ        | iii l           |       | 99       |                 | -            | $\dashv$ | $\dashv$ | $\dashv$ | +        | +             | +-      | 1     | H   |       | 149        | +              | ╁        | ├-   | $\vdash$   |                     | $\dashv$ | +              | $\dashv$ |
|                        | 50          | i        | 1        | 1  | _        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ŀ               |       | 100      | $\dashv$        |              | $\dashv$ | +        | $\dashv$ | +        | +             | +       | 1     | ۲   | -+    | 150        |                | $\vdash$ | ╁  | $\vdash$   | $\dashv$            | $\dashv$ | +              | $\dashv$ |
|                        |             |          | ىن       | <u>.                                    </u> |          |          |          |          |          |          |                 |       | .00      | $\Box$          |              |          |          |          |          |               |         | _:::: | L   |       | 100        |                | 1        | <u>.                                    </u> | نــــا   |                     | L        |                | ╝        |